

Sheet 1 of 3

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FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05505	Serial No. 10/004,019
	Applicant Eng-Whatt Toh, et al.		
	Filing Date 10/18/01	Group Art Unit 2131	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA	A	4,625,076	11/25/86	Okamoto et al.	178	22.1	
FA	B	4,816,655	3/28/89	Musyck et al.	235	380	
FA	C	4,868,877	9/19/89	Fischer	380	25	
FA	D	5,005,200	4/2/91	Fischer	380	30	
FA	E	5,018,196	5/21/91	Takaragi et al.	380	30	
FA	F	5,138,653	8/11/92	Le Clercq	379	96	
FA	G	5,157,726	10/20/92	Merkle et al.	380	23	
FA	H	5,210,869	5/11/93	Williams	395	600	
FA	I	5,241,599	8/31/93	Bellovin et al.	380	21	
FA	J	5,261,002	11/9/93	Perlman et al.	380	30	
FA	K	5,283,887	2/1/94	Zachery	395	500	
FA	L	5,293,250	3/8/94	Okumura et al.	358	402	
FA	M	5,315,635	5/24/94	Kane et al.	379	57	
FA	N	5,388,158	2/7/95	Berson	380	21	
FA	O	5,396,537	3/7/95	Schwendeman	379	57	
FA	P	5,398,285	3/14/95	Borgelt et al.	380	30	
FA	Q	5,424,724	6/13/95	Williams et al.	340	825.05	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

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Sheet 2 of 3

FORM PTO-1449 (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 20735-05505		Serial No. 10/004,019	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant Eng-Whatt Toh, et al.		Filing Date 10/18/01	
				Group Art Unit 2131			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date Appropriate
FA	R	5,432,852	7/11/95	Leighton et al.	380	30	
FA	S	5,557,346	9/17/96	Lipner et al.	380	21	
FA	T	5,557,765	9/17/96	Lipner et al.	380	21	
FA	U	5,581,615	12/3/96	Stern	380	25	
FA	V	5,633,929	5/27/97	Kaliski, Jr.	380	23	
FA	W	5,689,565	11/18/97	Spies et al.	380	25	
FA	X	5,689,567	11/18/97	Miyauchi	380	25	
FA	Y	5,721,777	2/24/98	Blaze	380	4	
FA	Z	5,745,573	4/28/98	Lipner et al.	380	21	
FA	AA	5,751,813	5/12/98	Dorenbos	380	49	
FA	BB	5,751,814	5/12/98	Kafri	380	49	
FA	CC	5,799,086	8/25/98	Sudia	380	23	
FA	DD	5,832,218	11/3/98	Gibbs et al.	395	200.33	
FA	EE	5,841,865	11/24/98	Sudia	380	21	
FA	FF	5,845,074	12/1/98	Kobata	395	200.49	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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PTO-1449
REV: 02/01

20735/05505/DOCS/1275043.1



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Sheet 3 of 3

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	Applicant Eng-Whatt Toh, et al.		
	Filing Date 10/18/01	Group Art Unit 2131	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PD	GG	5,850,451	12/15/98	Sudia	380	49	RECEIVED JUN 19 2002 Technology Center 2100
PD	HH	5,850,519	12/15/98	Vazana	395	200.36	
ED	II	5,872,848	2/16/99	Romney et al.	380	25	
ED	JJ	5,898,156	4/27/99	Wilfong	235	380	
ED	KK	5,912,974	6/15/99	Holloway et al.	380	51	
ED	LL	5,915,024	6/22/99	Kitaori et al.	380	25	
ED	MM	5,948,103	9/7/99	Fukuzaki	713	200	
ED	NN	6,079,020	6/20/00	Liu	713	201	
ED	OO	6,081,610	6/27/00	Dwork et al.	382	119	
ED	PP	6,085,322	7/4/00	Romney et al.	713	176	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
ED	QQ	WO98/57464 /	17.12.98	PCT				
ED	RR	WO/9857465 ,	17.12.98	PCT				
ED	SS	WO99/00958 ,	07.01.99	PCT				
ED	TT	EP0840478A2 ,	06.05.98	Europe				
ED	UU	EP0915436A1 ,	12.05.99	Europe				
ED	VV	EP869652A2 ,	07.10.98	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05505	Serial No. 10/004,019
		Applicant Eng-Whatt Toh et al.	
		Filing Date October 18, 2001	Group Art Unit 2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA		6,226,748	05/01/01	Bots et al.	713	201	06/12/97
FA		6,173,399	01/09/01	Gilbrech	713	153	06/12/97
FA		6,119,137	09/12/00	Smith et al.	707	523	01/30/97
FA		6,092,200	07/18/00	Muniyappa et al.	713	201	08/01/97
FA		6,092,113	07/18/00	Maeshima et al.	709	230	08/28/97
FA		6,079,020	06/20/00	Liu	713	201	01/27/98
FA		6,061,448	05/09/00	Smith et al.	380	21	04/01/97
FA		6,055,575	04/25/00	Paulsen et al.	709	229	01/26/98
FA	A	6,038,541	03/14/00	Tokuda et al.	705	8	03/02/99
FA		6,009,173	12/28/99	Sumner	380	21	01/31/97
FA		5,956,406	09/21/99	Maldy	380	30	03/20/97
FA	B	5,878,398	03/22/99	Tokuda et al.	705	8	03/20/96
FA		5,864,667	01/26/99	Barkan	395	187.01	08/22/97

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
FA		WO 98/57465	12/17/98	PCT	H04L	12/46 29/06	N/A	
FA		WO 98/57464	12/17/98	PCT	H04L	12/46 29/06	N/A	
FA	C	EP915436A1	05/12/99	EPO	G07D	9/00	N/A	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FA	Ellison, C. et al. Ten Risks of PKI: What You're not Being Told about Public Key Infrastructure. Computer Security Journal, Vol. XVI, No. 1 (2000), pages 1-7.
FA	Introduction to SSL [online]. Netscape Communications Corporation (Last updated 10/09/98) [retrieved on 10/24/2000]. Retrieved from the Internet <URL: http://developer.netscape.com/docs/manuals/security/sslin/contents.htm . Pages 1-11.
FA	Introduction to Public-Key Cryptography [online]. Netscape Communications Corporation [retrieved on 10/24/2000]. Retrieved from the Internet <URL: http://developer.netscape.com/docs/manuals/security/pkin/contents.htm . Pages 1-19.

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PTO-1449

REV: 02/01

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FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05505	Serial No. 10/004,019
		Applicant Eng-Whatt Toh et al.	
		Filing Date October 18, 2001	Group Art Unit 2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FA	D	5,848,248	12/08/98	Kawasaki et al.	395	200.68	11/25/97
FA	E	5,825,865	10/20/98	Oberlander et al.	379	211	10/04/91
FA		5,812,669	09/22/98	Jenkins et al.	380	25	07/19/95
FA		5,802,286	09/01/98	Dere et al.	395	200.5	05/22/95
FA		5,790,790	08/04/98	Smith et al.	395	200.36	10/24/96
FA		5,768,271	06/16/98	Seid et al.	370	389	04/12/96
FA	F	5,767,847	06/16/98	Mori et al.	345	329	09/21/95
FA		5,764,918	06/09/98	Poulter	395	200.66	01/23/95
FA	G	5,734,651	03/31/98	Blakely et al.	370	392	05/29/96
FA	H	5,706,452	01/06/98	Ivanov	395	331	12/06/95
FA		5,671,285	09/23/97	Newman	380	30	12/13/95
FA		5,638,446	06/10/97	Rubin	380	25	08/28/95
FA	I	5,623,653	04/22/97	Matsuno et al.	395	609	07/25/94
FA		5,544,152	08/06/96	Obermanns et al.	370	16	09/28/95
FA		5,436,972	07/25/95	Fischer	380	25	10/04/93
FA		5,432,785	07/11/95	Ahmed et al.	370	60.1	02/07/94
FA		4,754,428	06/28/88	Schultz et al.	364	900	04/15/85
FA		4,713,780	12/15/87	Schultz et al.	364	514	04/15/85

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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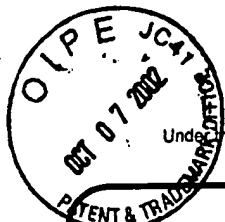
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/004,019
				Filing Date	October 18, 2001
				First Named Inventor	Eng-Whatt Toh
				Art Unit	2132
				Examiner Name	Gilberto Barron Jr.
Sheet	1	of	1	Attorney Docket Number	20735-05505

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JA		US-6,064,878 A	05-16-2000	Denker et al.
JA		US-6,035,104 A	03-07-2000	Zahariev
JA		US-5,812,671 A	09-22-1998	Ross, Jr.
JA		US-5,642,420 A	06-24-1997	Kuroda et al.
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
JA		WO 98 58332 A1	12-23-1998	Telefonaktiebolaget LM Ericsson	
JA		WO 97 41661 A2/A3	11-06-1997	Motorola Inc.	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
JA		Herfert, M., "Security-Enhanced Mailing Lists" <u>IEEE Network</u> , IEEE Inc., New York, US, Vol. 11, No. 3, May 1, 1997, pages 30-33.	

Examiner Signature		Date Considered	02/24/2005
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